

## The Skeletal System – Worksheet One

1. List the 5 functions of the skeletal system.
  - a.
  - b.
  - c.
  - d.
  - e.
2. How many bones are present at birth and present in an adult and explain the difference?
  - a. Birth –
  - b. Adult –

Difference –
3. What holds bone to bone?
4. What holds muscle to bone?
5. Complete the following chart on the 5 classifications of bones?

**CLASSIFICATION OF BONES**

TYPE OF BONE	DESCRIPTION	EXAMPLES
LONG		
SHORT		
FLAT		
IRREGULAR		
SESAMOID		

6. Distinguish between the axial skeleton and the appendicular skeleton and include the parts.
  - a. Axial skeleton –
  - b. Appendicular –

7. Describe the location and function of the following structures of a long bone using the following chart.

**ANATOMY OF A LONG BONE**

PARTS OF BONE	LOCATION	FUNCTION
EPIPHYSIS		
DIAPHYSIS		
ARTICULAR CARTILAGE		
COMPACT LAYER		
SPONGY LAYER		
RED MARROW		
YELLOW MARROW		
PERIOSTEUM		

8. Define the following terms.

a. condyle -

b. crest -

c. spine -

d. tubercle -

e. facet -

f. foramen -

g. fossa -

h. meatus -

i. sinus -